FIG. 1

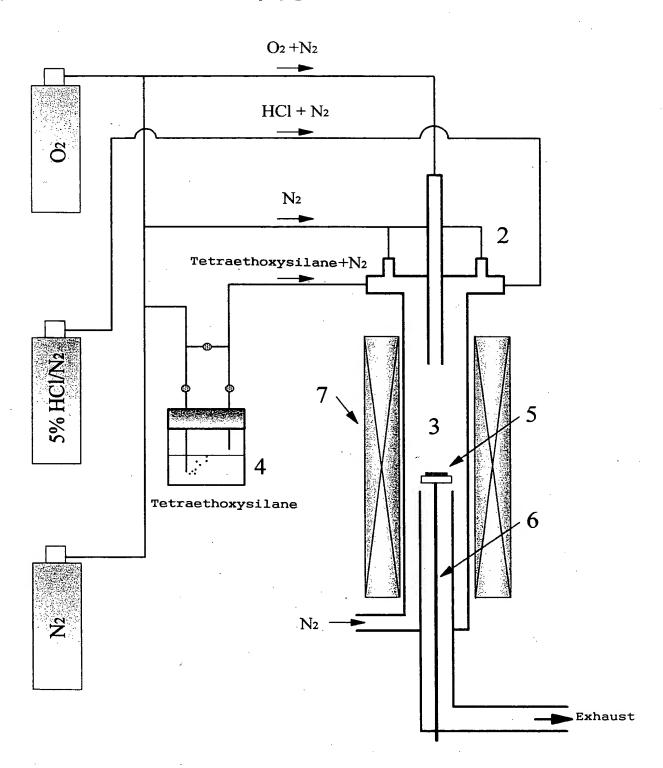


FIG. 2

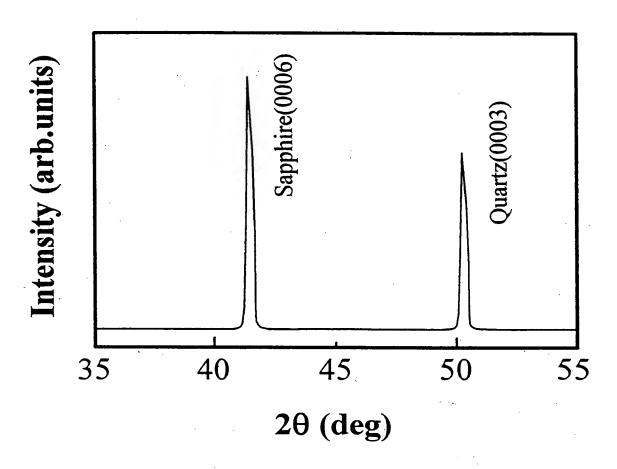


FIG. 3

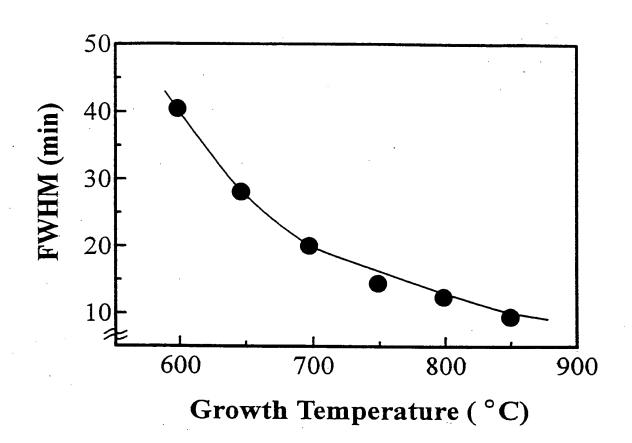


FIG. 4

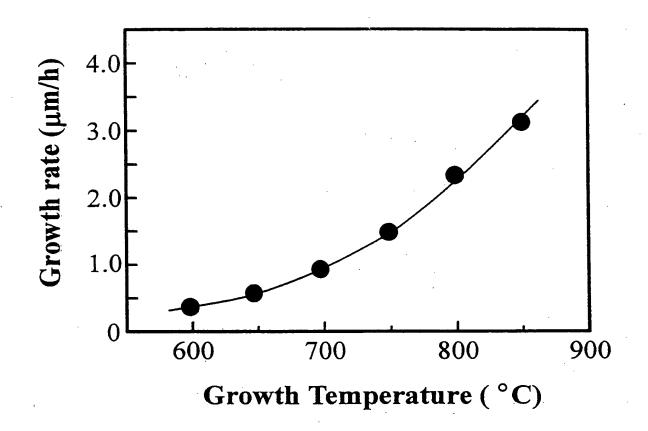
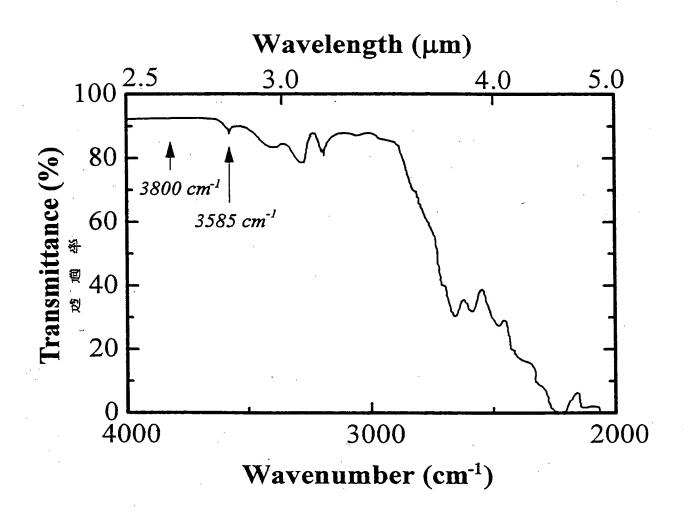
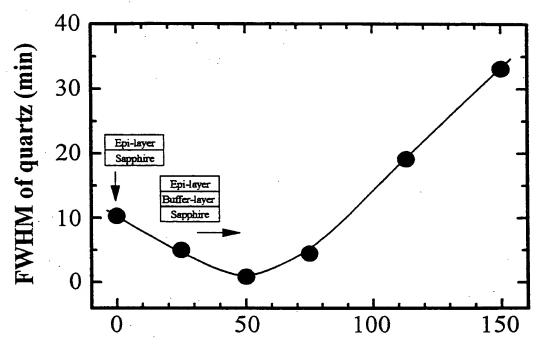


FIG. 5



The limit of their starts than

FIG. 6



Thickness of quartz buffer layer (nm)